

# **FLIGHT DYNAMICS SUPPORT SERVICES II**

## **GOVERNMENT POSITION DESCRIPTIONS**

Enclosure A

**GSFC FDSS II Enclosure A – Government Position Descriptions**

<b>Labor Category</b>	<b>Job Description and Past Performance [1]</b>	<b>Minimum Education and Years Experience [2][3]</b>
Subject Matter Expert	Responsible for technical soundness of tasks falling within a technical area and may serve as technical lead. Demonstrated expert in the field as judged by the scope of successful projects lead and supported. Must possess a thorough understanding of the discipline as evidenced by the conference papers, journal articles, math specifications, and white papers authored.	BS/BA+15yrs
Systems Engineer	Responsible for overall IT and hardware support for operational systems in the FDF. Demonstrated support in designing, procuring, and deploying operational systems. Provides support for ongoing improvement and evolution to current systems.	BS/BA+5yrs
Senior Software Engineer	Demonstrated performance in supporting and/or leading the successful completion of multiple projects simultaneously in a single software discipline	BS/BA+7yrs
Senior Engineer	Demonstrated performance in supporting and/or leading the successful completion of multiple projects simultaneously in a single engineering discipline	BS/BA+7yrs
Engineer	Support of multiple projects in a single engineering discipline. Technical lead on small tasks or subtasks.	BS/BA+5yrs
Software Engineer	Support of multiple projects in a single software discipline. Technical lead on small tasks or subtasks.	BS/BA+5yrs
Junior Software Engineer	Support of multiple projects in a single software discipline.	BS/BA+2yrs
IT Specialist	Support of general software infrastructure of the operational systems in the FDF. Responsible for IT security, software updates, and user support.	BS/BA
Junior Engineer	Support of multiple projects in a single engineering discipline.	BS/BA+2yrs
Freshout Engineer	Support of single project in a single discipline	BS/BA
QA Process Analysts	Coordinates contractor support efforts with the GSFC quality management system. Ensures that documentation is appropriately marked, tracked, and configuration controlled.	BS/BA+2yrs
Facilities Technician*	Support of general hardware infrastructure of the operational systems in the FDF	GED
Senior Facilities Technician*	Support of general hardware infrastructure of the operational systems in the FDF. Responsible for equipment tracking and troubleshooting.	GED+10yrs

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[1] - Relevant engineering disciplines for past performance are: navigation, spacecraft control, mission design, estimation theory, spacecraft systems engineering, and the like. Relevant software disciplines for past performance are: software architecture, coding and development, automation, computer systems design and specification and the like.

[2] – Relevant technical degrees are engineering, physics, chemistry, mathematics and computer science

[3] - Education qualifications are modified for advanced degrees as follows: MS = BS/BA + 3yrs; PhD = BS/BA + 7

\* - technical degree not required for these positions